

SECRET

DPD-3174-59

11 May 1959

MEMORANDUM FOR: Acting Chief, DPD

SUBJECT : Malfunction Report, Period Ending 30 April 1959

1. The following malfunction information is presented for the period ending 30 April 1959:

I. Air Frame and Engines

- A. Regulator valve, Part Number SP-106380-1 failed in closed position, thus stopping all air supply to refrigerator and cockpit. Valve replaced with new valve and refrigerator and cockpit pressure normal on test flight.

II. Communications

- A. Detachment B - No malfunction report was received for April 1959. A request for the report has been made.

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- B. Detachment C - Mission CT-59-34. 2 April test flight for [REDACTED] The power supply fuse blew in [REDACTED] It is believed that the fuse used is underrated. The fuse was replaced with a Slow-Blow fuse of same value. No further trouble was experienced.

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- Mission CT-59-38. 22 April test flight [REDACTED] amplifier failed. The cause of the failure was poor soldering on the connection opening. The part was resoldered, causing no further difficulty.
- C. There were no failures at Detachment D during April 1959.

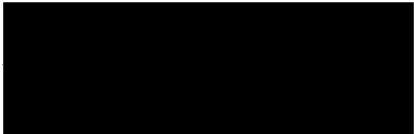
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DPD-3174-59
PAGE TWOIII. Photographic Equipment Malfunctions

- A. During the period of 1 April 1959 through 30 April 1959, there were a total of forty (40) missions reported flown using photographic equipment. Equipment malfunctioned on eight (8) of these missions giving an overall effectiveness of 80%.
- B. Equipment reliability for the above referenced period was:

	<u>A-1 Conf.</u>	<u>A-2 Conf.</u>	<u>B. Conf.</u>	<u>Trackers</u>
Missions flown	0	0	11	40
Malfunctions	0	0	3	6
Per Cent Eff.	0	0	72.7%	85%

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Chief, Materiel Branch
DPD-DD/P

MB/DPD-DD/P:CFW:ms
Dist: 1 & 1 - A/CH/DPD
1 - DD/P
1 - OPS/DPD
1 - MAT/DPD
1 - RI/DPD